

OUTDOOR AIR COOLING APPARATUS AND METHOD

Abstract.

In evaporative cooling by injecting extremely fine water droplets into an airstream, the addition of cyclic injection provides superior control of the temperature drop of the air. The cyclic operation of the injection enables effective air cooling of outdoor and semi-outdoor areas, such as outdoor restaurants, even under conditions of high humidity. Small high pressure pumps that can be cycled on and off every few seconds for many millions of cycles make the air cooling method practical and effective.

(JMD\Air Cooling Apparatus - PPA.wpd)